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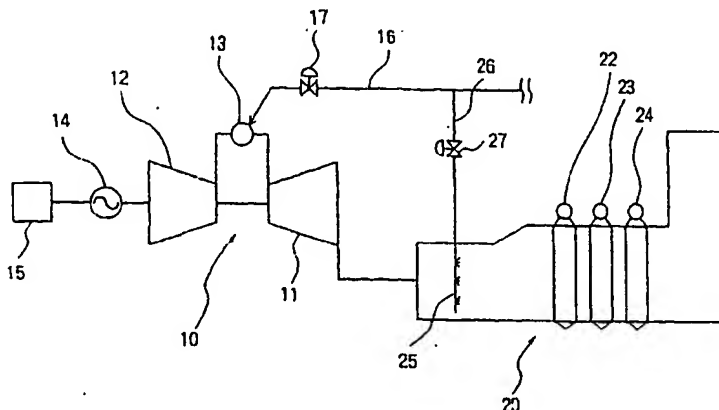
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**(54) Combined cycle power generation plant**

(57) While, in a prior art combined cycle power generation plant, steam which is needed at the time of restart of the plant after the plant has been once stopped must be supplied from outside auxiliary boiler which requires additional facilities resulting in complexity of plant, high cost, troublesome operation, etc., the present invention provides such a plant that is able to secure the steam needed at the time of restart of the plant and to shorten the time for the plant to reach a full load.

The combined cycle power generation plant comprises a waste heat recovery boiler (20) in which a stabilizing burner (25) is incorporated at an upstream position thereof. The stabilizing burner is ignited during the time of start-up and speed lifting of gas turbine (11) so that steam generation at the waste heat recovery boiler is accelerated and the steam is made use of effectively for cooling of gas turbine and steam turbine, and further for gland steam and the like, and the time for the plant to reach a full load can be shortened.

**Fig. 1**



**EP 0 889 204 A3**



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# EUROPEAN SEARCH REPORT

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EP 98 11 2070

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The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>2 August 2001</b>	Examiner <b>Van Gheel, J</b>
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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